

Product datasheet for **RR205845**

Hira (NM_001135760) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hira (NM_001135760) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Hira
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR205845 representing NM_001135760
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGAAGCTCTTGAAGCCAACCTGGGTCAACCACAATGGGAAGCCGATTTTTTCAGTTGATATTCACCTG
 ATGGGACCAAGTTTCAACTGGAGGACAAGGGCAGGATTCTGGGAAGTTGTGATCTGGAATATGTCTCC
 AGTCCTCCAGGAGGATGACGAGAAGGATGAAAAATTCCCAAGATGCTTTGCCAGATGGACAATCACTTA
 GCATGTGTGAACTGTGTGCGGTGGTCAAACAGTGGGATGTATTTAGCTTCTGGGGGAGATGACAAACTGA
 TTATGGTGTGGAAGCGGGCTACGTACATTGGGCCAGCACTGTGTTGGTCCAGTGGTAAGCTTGCCAA
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 ATACATTGCCTCTCAAGCTGATGATCGAAGTTTGAAGGTATGGAGGACGCTGGACTGGCAGCTAGAGACT
 AGCATCACAAACCTTTTGATGAGTGTGGAGGAACAACACATGTGCTCCGGCTTAGTTGGTACCAGATG
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ATGAAAGCGTTTATTCCCGGTTACAGAGCGGTCAAAGCCACCCAGGTGCTCCATCCTTGACCAGTG
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 AGTGCCAGGAACAACCTGGACATCTGAGAGACAAG

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 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR205845 representing NM_001135760
 Red=Cloning site Green=Tags(s)

MKLLKPTWVNHGKPIFVSDIHPDGTKFATGGQGDQSGKVVIWNMSPVLQEDDEKDENIPKMLCQMDNHL
 ACVNCVRWSNSGMYLASGGDKLIMVWKRATYIGPSTVFGSSGKLANVEQWRCVSI LRSHSGDVMVAVS
 PHDAWLASCSVDNTVVIWNAVKFPEILATLRGHSLVKGLTWDVPVKYIASQADDRSLKVVWRTLDWQLET
 SITKPFDECGGTTVHLRLSWSPDGHYLVAHAMNNSGPTAQI IEREGWKTNMDVFGHRKAVTVVKFNPKI
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 RETSSASSVTGVNGESLEDIRKNLLKKQVETRTADGRRRITPLCIAQLDTGDFSTAFFNSIPLSSSLAG
 TMLSSPSGQQLPLDSSTPSFGASKPCTEPVAATSARPTGEPVSKDSMNATSTPAALSPSVLTPSKIEP
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 LEVETVEKGGGRPRKDRLLPVSLSVQSPAALSAEKEAMCLSAPALALKLPIPGPQRAFTLQVSSDPSM
 YIEVENEVTTVGGIRLSRLKCNREGKEWETVLSRVLTAAAGSCDVVCACEKRMVSVFSTGRRLLPPIIL
 LPSPISTLHCTGPYVMALTAAATLSVWDVHRQVVVKEESLHSILSGSDMTVSQILLTQHGIQVPMNLSDG
 KAYCFNPSLSTWNLVSDKQDSL AQCADFRNSLP SQDAMLCSGPLAI IQGRTSNGRQAARLFSVPHVVQQ
 ESTLAYLESQVAAALTLQSSHEYRHWWLLYARYLVNEGFEYRLREICQDLLGPVHCSTGSQWESTVVGLR
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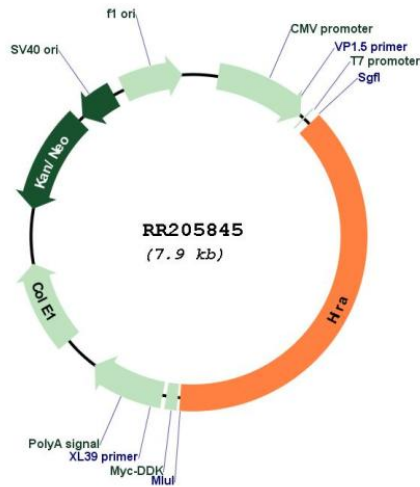
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001135760
ORF Size: 3045 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001135760.1 , NP_001129232.1
RefSeq Size:	4507 bp
RefSeq ORF:	3048 bp
Locus ID:	363849
Cytogenetics:	11q23
MW:	111.7 kDa